



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: AO et al.

Serial No.: 10/717,902

Filed: 11/21/2003

Title: MAGNETIC IMPEDANCE DEVICE,  
SENSOR APPARATUS USING THE  
SAME AND METHOD FOR  
MANUFACTURING THE SAME

Atty. Dkt.: 01-527

Art Unit: 2812

Examiner: LINDSAY

Commissioner for Patents  
U.S. Patent and Trademark Office  
Customer Window, Mail Stop Amendment  
Randolph Building  
401 Dulany St.  
Alexandria, VA 22314

Date: June 7, 2007

**RESPONSE UNDER 37 CFR 1.111**

Sir:

In response to the office action mailed April 23, 2007, please consider the following.

Remarks begin on page 2 of this paper and include Appendix A.